Application number 10/779,523 Claims

What I claim as my invention is: Mathematical Problem Solving Game, comprising:

1.A deck of playing cards, each card having an upper face provided with a unique display of four fixed format mathematical problems set one above the other, color coded to indicate the skill level required to solve each specific mathematical problem, purpose of the deck of cards is to create a competitive game of mathematical problem solving skills, that requires a single card face to be simultaneously displayed to an unlimited number of players, the objective being, to be the first player to declare a correct solution to a pre-selected mathematical problem.

2.The Mathematical Problem Solving Game of claim 1 wherein the awarding of a scoring point is subject to the following rules: (a) players pre-select the skill level at which the game will be played: (b) a single card be placed face up in view of all players: (c) a fixed format problem be displayed on the card, must be solved in a fixed format manner: (d) some problems at the high skill level have no correct solution (e) the first players to declare a correct solution to the mathematical problem within time limit or identify no solution score points, players declaring correct solution after no solution is called, score double points.

3. The Mathematical Problem Solving Game of claim 1 wherein the fixed format of the mathematical problem and the manner of solving, is subject to the following rules: (a) each mathematical problem displayed has a solution number plus four calculation numbers that must be used in a fixed format that requires players to use each of the four calculation numbers just once to create two mathematical questions, each having answers that combine to form a third mathematical question having an answer which equals the solution number provided (b) the two upper mathematical problems on displayed card from the deck of cards of claim 1 are low skill, only requiring the insertion of plus or minus signs to form two mathematical questions having answers per following example: problem; calculation numbers, 2,1,4,3=solution number 2, solving method (2-1=1 4-3=1) the two answers are combined to form the third mathematical question 1+1 =solution number 2 (c) the lower two mathematical problems displayed on card face are of the higher skill level and may require addition, subtraction, division or multiplication, example: calculation numbers 6,5,11,8 solution number 26 solved by forming two mathematical questions 6x11=66 5x8=40 having answers that combine to form third question 66-40=solution number 26 (d) example of calling a correct "no solution": calculation numbers 5, 9, 8, 3 = 25 solution not possible.